

IV. Remarks:

Reconsideration of this application is respectfully requested.

Claims 1-66 are pending in the application. Claims 1, 65, and 66 are independent.

The specification and drawings are being amended to resolve inconsistent references to the location of the output capacitor. It is clear from an overall reading of the specification with reference to the drawings that the output capacitor is not part of the rectifier circuit. This is now reflected throughout the specification and drawings.

Claims 1 and 65 are currently amended. Claim 66 is new. Support for the claim amendments and new claim occurs throughout the detailed description and the drawings. No new matter has been added by the amendments

The Examiner has rejected each of the claims based separately upon Wei et al. (6,757,184) and Xu et al (2004/0246748). The Applicants note that both cited references teach converters in which a full bridge circuit has first and second legs 20, 22 and a transformer secondary winding W2 is connected between the legs 20, 22 (Wei et al col. 3, l. 14-25). Buck converters 28, 30 are connected to legs 20, 22, respectively, and include an inductor L2, L1, respectively, between each leg 20, 22 and Vout.

It is unclear in the cited references what would be identified as a “high side circuit” and what would be identified as a “rectifier circuit”. It is clear however that, among other things, there is no high side circuit that has one and only one high side circuit output connected such that current flowing through the first primary winding is directed between the high side circuit output and the first voltage output as set out in claims 1 and 65. It is also clear that, among other things, there is no high side circuit that has a high side circuit output connected such that current flowing from the high side

circuit output flows directly to the first voltage output as set out in claim 66.

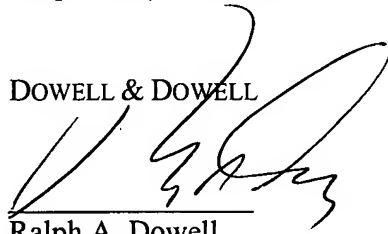
Each of the independent claims is therefore allowable. As each of the remaining claims is directly or indirectly dependent on an independent claim, the remaining claims are also allowable.

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Response to Office Action is respectfully requested.

Respectfully submitted,

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III. **Amendments to the drawings:**

Please replace the sheets with FIGS. 68A through 95 with the 16 appended Replacement Sheets containing FIGS. with the same numbers.